MICROCOMPUTER SOFTWARE PROGRAM

SUMMARY

In today's competitive marketplace, past strategies are not viable. To be able to do more than "survive" and to take full advantage of existing and future market opportunities, vendors must be well-informed.

Success in this marketplace is attainable—the critical factor is relevant information. Information, relevant to your business, that equips you to:

- o Anticipate corporate and end-user demands
- o Gear-up for rapidly-changing technologies
- o Interpret and forecast competitors' actions
- o Market and sell most effectively.

INPUT's Microcomputer Software Program provides you relevant market analysis achieved through continuous support by experienced microcomputer specialists. Research plans are discussed with each and every client before research begins on any project; industry events and their potential impact on your company are conveyed as they happen; our analysts are at your disposal to help you meet the market challenges you face everyday and to effect a strategy that ensures success tomorrow.

For a limited time only, INPUT's Microcomputer Software Programbased on current primary research, analysis of historical performance, and balanced with comprehensive tracking and analysis of the computer industry overall--is available to you at a special introductory fee. You will save more than \$7,500 if you act within 60 days.

MARKET ISSUES

The program offers a well-balanced combination of strategic planning and tactical advice enabling you to set the wisest long-range plan while implementing tactical maneuvers that make your company responsive to market changes. Eelow is a representative list of issues covered in the program.

- o Impact of key events, issues and trends in the microcomputer marketplace.
- o Forecasts market size and rates of growth from 1985 through 1990.
- Analyzes and forecasts 20 vertical and crossindustry micro markets.



- LAN's, micro-mainframe links, DDP and multiuser systems are examined and appropriate approaches are recommended.
- Microcomputer software distribution channels are analyzed, trends are revealed, and a best course of action suggested.
- o Competitors' actions are analyzed and projected.
- o End-user needs are clearly identified and prioritized.

PROGRAM SERVICES

Each Microcomputer Software Program client receives the following:

Executive Consulting—a direct line to INPUT's most senior microcomputer industry analysts. Clients may call to discuss their most challenging planning issues, receive well-founded answers to difficult questions and benefit from experienced-based interpretation of key events.

Monthly Management Bulletin informing you of key results of research in process, competitive actions, and time-sensitive issues and actions.

Executive Briefings—a confidential meeting held annually at the Client's site. INPUT senior staff and the client's top management team review results of research conducted during the program year, and its potential impact on the client company's future business directions and profit picture. (Note: travel expenses are additional and will be shared whenever possible.)

Vendor Acquisition and Financial Performance Report—A quarterly comparison of acquisition activity and up-to-date financial reports of public information services vendor companies.

MARKET AND ISSUE RESEARCH

State of the Market Annual Report

Targets profitable market opportunities through an examination of key business microcomputer software segments.



Recommends effective strategies for proactive response to overall market issues:

- Competition
- Technological trends
- Needs of end users within the corporation
- IBM software and microcomputer strategies

Analyzes the distribution, technology, and competitive strategies of the leading vendors.

Projects the business microcomputer software and services market through 1990 and recommends successful strategies for increasing market share and revenues by anticipating future trends.

Analyzes the mini and mainframe software markets, as well as the microcomputer market, to address mico-mainframe connection and integration issues.

Multiuser Systems

Defines current and future needs for multiuser system software and services through a careful analysis of:

- The IBM-AT influence on the microcomputer-based multiuser systems market
- Competitive advantages/disadvantages of multiuser systems, mainframes, minis, standalones and LAN-linked micros
- Increasing memory and processor speeds
- The introduction of scaled-down minicomputers for multiuser applications.
- Changing purchase influences and pricing trends
- Architecture standardization

Includes case studies detailing user experiences with software availability.

Selling Microcomputer Software to Corporate America

Recommends the distribution strategies required to successfully create revenue opportunities within the Fortune 1000, based on:

- Analysis of current vendor strategies
- Microcomputer software market forecasts through 1990
- A analysis of effective site licensing and distribution methods.



Analysis of Corporate User Needs

Emphasizes the tailoring of pricing schedules, distribution methods, and applications software products to the distinct needs of corporate users, based on 20 vendor, 50 micro manager, and 100 end user interviews.

Microcomputer Software Dealer Survey

Provides effective strategies for selling business microcomputer software through retail distribution channels, based on the results of interviews with 100 computer dealers (large chains, independents, VARs, distributors).

Market Sector Opportunity Reports

Each of these reports provides a concise profile of opportunities within an individual sector of the microcomputer software and services marketplace. Included in each report are five-year forecasts of market size and growth rate, analyses of user needs, market structure determinations, and competitive profiles.

Micro-Mainframe Market Analysis

- Recommends strategies mainframe software vendors can implement to market intelligent links separately, as part of a corporate package, or as part of an application or data base package.
- Analyzes effective joint agreements between mainframe software vendors and board vendors or microcomputer vendors to produce complete linkage products.

New Generation of Integrated Software

- Describes the key technological advances that will impact the integrated software market
- Predicts who the winners and losers in this market will be and why.
- Details the product features software vendors must incorporate in order to meet the vital goals of connectivity, flexibility, and extendability

Trends in Microcomputer Operating Systems

- Forecasts the operating systems and business microcomputer market through 1990
- Examines IBM's office system strategy over the next 5 years
- Makes product and market development recommendations for applications software developers, operating systems vendors, and business microcomputer hardware vendors



Micro-Mainframe End-User Experiences

 How to meet the demands of Fortune 1000 users for a micromainframe link which offers ease-of-use, security, and central data base concurrency.

PROGRAM FEES

Companies subscribing within 60 days will receive all of the following services at the fee of \$8,000-a savings of \$7,500 (standard fee is \$15,500):

- o Continuous advisory services through December 31, 1985.
- o Nine current market studies
- o Attendance to INPUT's 1985 Joint Client Conference (to be held August 20, 21, 22)
- o Monthly Management Bulletins
- o Quarterly Vendor Acquistion and Financial Performance Reports
- On-Site Executive Briefing (Travel expenses are additional and will be billed separately.)

Clients who decline the on-site executive briefing may subscribe to all other services at the total fee of \$6,500 (effective for the next 60 days only.)



May ___, 1985

NO ITEM TO INSERT

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Dear NO ITEM TO INSERT

INPUT, the most respected name in software market research, has just released a series of reports on the micro software industry.

PC software is moving from the single purchase, consumer market into large, corporate multiple sales. The needs of corporations are different than those of the individual purchaser. More sophisticated, reliable software and different distribution channels will be required to penetrate this burgeoning arena.

- What is the future of MS/DOS, UNIX, CPM?
- Where will Fortune 1000 companies go to purchase software for end users?
- What are the relationships between business and home use of micro software and how will this effect the market?
- What types of products and what kinds of support are required to penetrate corporate organizations?
- What pricing strategies will most effectively maximize profits?

Find out where the PC software market is headed over the next several years. Fill in the attached authorization form and return it to me with your check or purchase order. In the meantime, if you have any questions, call me.

Sincerely,

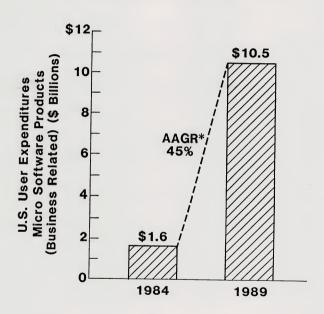
Jan D. Woolley Marketing Representative

JDW:ml

Enclosure



A HEALTHY OUTLOOK FORESEEN FOR MICROCOMPUTER SOFTWARE



^{*}Average Annual Growth Rate



MICRO SOFTWARE SUPPORT STRATEGIES analyzes the problems and opportunities associated with the fact that as personal computer software becomes increasingly complex and the systems are used by a wider variety of people, the requirements for more and more comprehensive software support will increase rapidly. The report concentrates on presenting strategies for software products and other vendors to ensure profitable support of their products.

PRICING AND DISTRIBUTION OF PERSONAL COMPUTER SOFTWARE examines the market developments that are affecting pricing in this volatile market, including down-line loading and free software. The report predicts price ranges for generic software categories and details software pricing mechanisms.

TRENDS IN MICROCOMPUTER OPERATING SYSTEMS. This report will be useful to both users and vendors who need to be attuned to changes in the PC operating environment. It includes analysis of major products and forecasts of microcomputer installed base for the period 1985–1990. Recommendations are included for both buyers and vendors of microcomputer hardware and software.

<u>U.S. PERSONAL COMPUTER SOFTWARE MARKETS</u>, 1984-1989 provides five-year forecasts of business-related PC systems and applications software products. The forecasts cover 30 different industry-specific and cross-industry markets. Business and market'strategy recommendations are included as are trends, issues, and analyses of the fastest growing and largest markets.

NEW OPPORTUNITIES IN INTEGRATED SOFTWARE identifies technological advances that will impact the integrated software market. The report also includes forecasts of the market through 1990 and includes market segment and competitive analysis. Recommended strategies for success in the market are also discussed.

MICROCOMPUTER SOFTWARE DEALER SURVEY. The vast majority of micro software is sold through retail channels. As a present or potential vendor of micro software, it is important to understand the retailers need and problems so they can better represent and sell your products. Is there a trend away from dealers and toward direct or mail order sale of software? Based on 50 extensive dealer interviews.

SOFTWARE AND SERVICES FOR COMPUTERS IN THE HOME analyzes the current use of microcomputers in the home and provides detail on the hardware/software expenditure ratio through 1986. The report examines current and potential distribution methods and makes strategic and tactical recommendations for success in the home computer market.

SELLING PERSONAL COMPUTER SOFTWARE TO CORPORATE AMERICA discusses effective distribution channels for reaching this newly emerging market and analyzes existing vendor strategies. The report also includes forecasts of micro software sales to the Fortune 1300 U.S. companies and provides recommendations for innovative marketing and distribution strategies.

MICRO-MAINFRAME: MARKET ANALYSIS examines issues, trends, and developments in micro-mainframe links including emulators and intelligent links. Analyses are made of leading vendors in the market as are corporate planning issues and trends. Recommendations are included to assist vendors in their strategic and product planning.



Authorization Form

To: INPUT, 1943 Landings Drive, Mountain View, CA 94043

Please enter my order for the reports checked below:		
	Micro Software Support Strategies	
	Pricing and Distribution of PC Software	
	Trends in Microcomputer Operating Systems	
	U.S. Personal Computer Markets, 1984–1989	
	New Opportunities in Integrated Software (to be released June 1985)	
	Microcomputer Software Dealer Survey (to be released June 1985)	
	Software and Services for Computers in the Home	
	Selling Micro Software to Corporate America (to be released August 1985) \$ 495	
	Micro-Mainframe: Market Analysis	

A discount of 10% can be applied to purchases of two or more reports; an additional 5% can be deducted for purchases of six or more reports.

To comply with a California State Board of Equalization ruling, INPUT is required to charge appropriate sales taxes on subscription orders and report shipments to clients in California.

CONFIDENTIALITY AGREEMENT

The client agrees to hold as confidential all information provided by INPUT through this study. The information provided shall be used only by the employees of and within the current corporate structure of the client and will not be disclosed to any other organization or person including parent, subsidiary, or affiliated organizations without written consent of INPUT.

The client agrees to control access to the information provided to prevent unauthorized disclosure in violation of this agreement.

INPUT exercises its best efforts in preparation of the information provided under this agreement and believes the information contained therein to be accurate. However, INPUT shall have no liability for any loss or expense which may result from incompleteness or inaccuracy of the information provided.

AUTHORIZED BY . ACCEPTED BY INPUT: Client Organization Signature Name Title Signature Date Name Title Telephone Date





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Charge Code: M-CICT
Project Manager:
Date of Mailing: 5/8/85 Total # to be mailed: 7200
Description of Packet (include # enclosures, type of envelope, class of mail, etc.):
84) NESS MERD MEAR MEHO MERM. (185) MESM MEAR MEYN MECH
Sources - Bonnie D's List, DATA SOURCES (latest)
ENVELOPE REQUIREMENTS Date needed complete in-house:
Total Quantity envelopes needed:
Size: () Letter size (>) INPUT stationery () Window () Plain White (*) Third Class Mail-permit-printed-on (reduce) () Sell copy printed on. Specify exact text/position/source:
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() Labels Date needed complete in-house: Total quantity required:
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Sincerely,

Jan D. Woolley



Supporting Personal Computer Software Profitably\$1,950
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Trends in Microcomputer Operating Systems\$ 495
Personal Computer Markets Strategy and Corecast, 1984-1989\$1,250
New Opportunities in Integrated Software (to be released June 1985\$ 495
Microcomputer Software Dealer Survey (to be released June 1985)\$1,650
Software and Services for the Home Computer\$1,950
Selling, Micro Software to Corporate America (to be released August\$ 495 1985)
Micro-Mainframe: PC Market Opportunities\$1,250

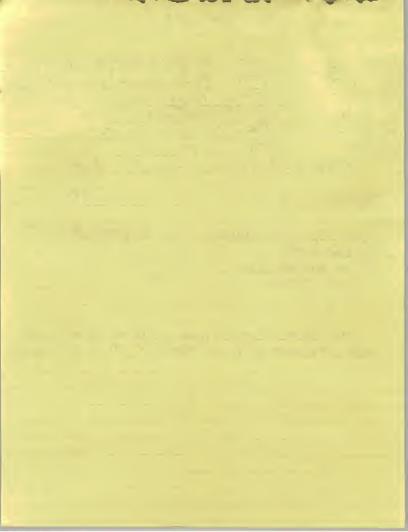
A discount of 10% can be applied to purchases of two or more reports; an additional 5% can be deducted for purchase of six or more reports



PC Direct mail

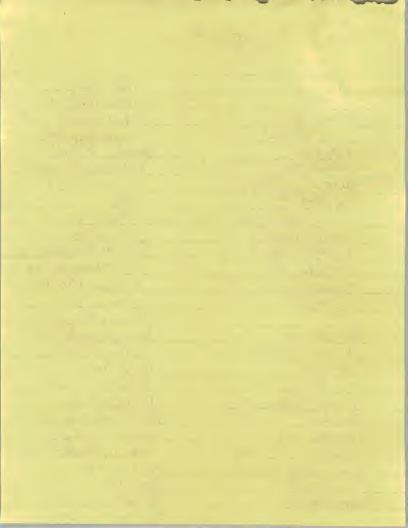
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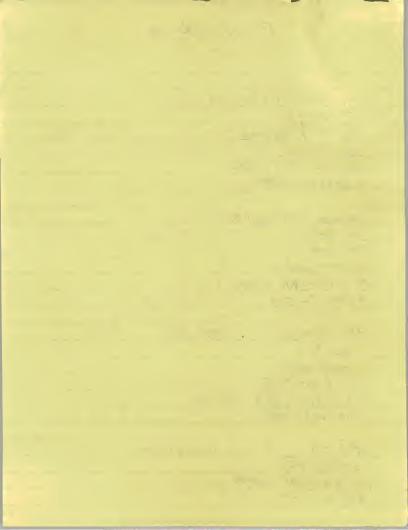
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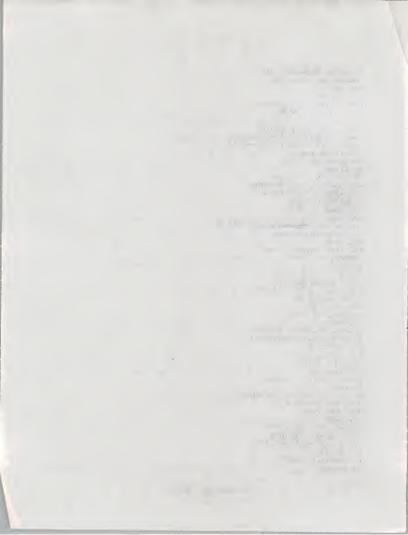
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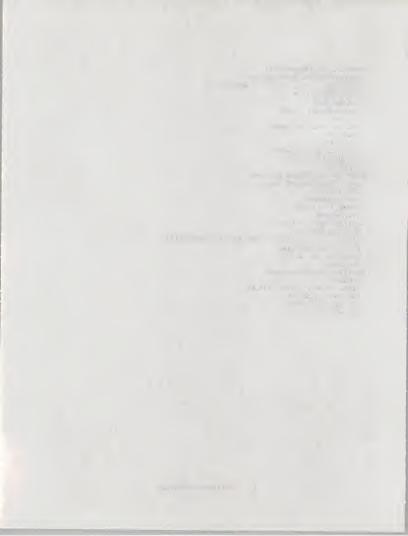
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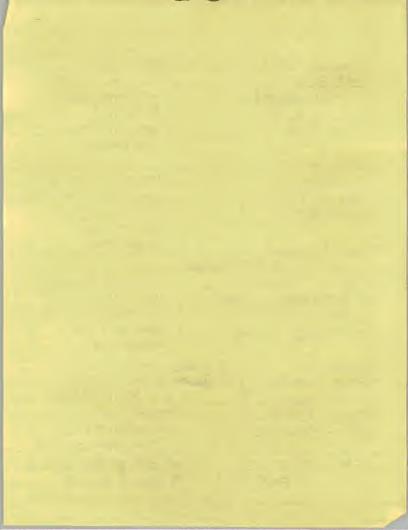
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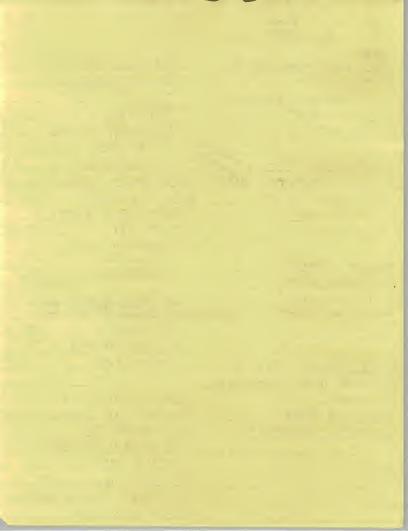
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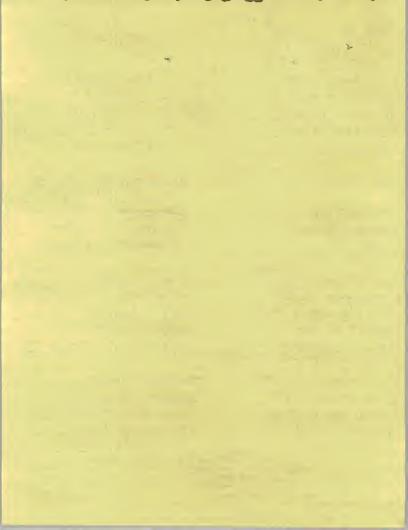
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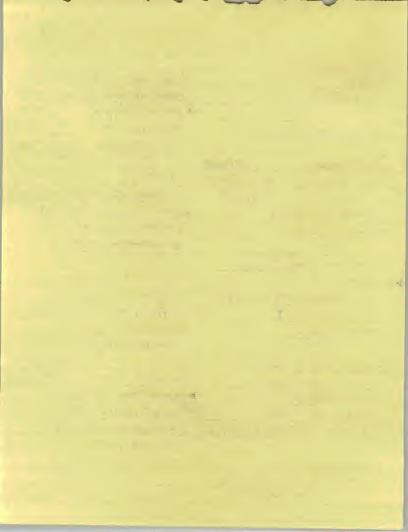
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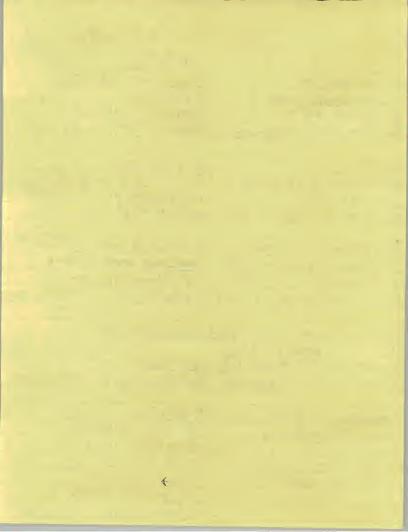
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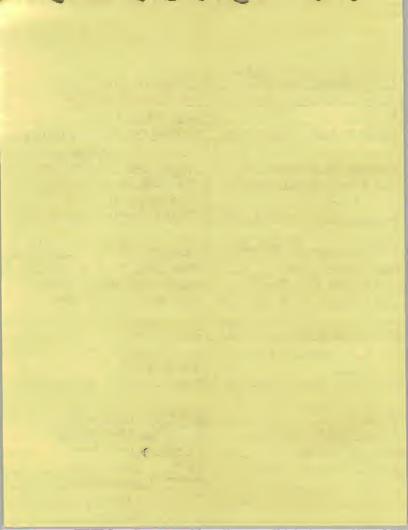
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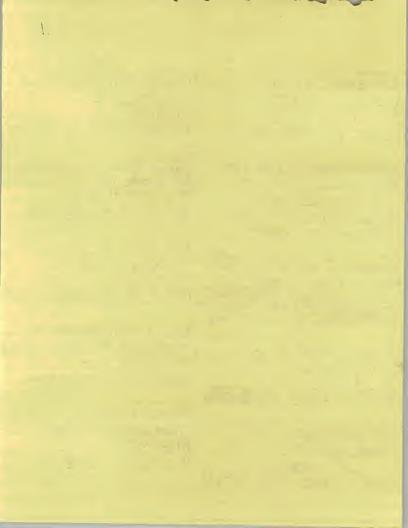
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Datamarus Software Services, INC

Mitch Atoms mkty mgr Lfick 5000 11201 W.59th error

Fort Scott, K5 66701 316/223 -5340

MICRO Solutions, INCStanley Hecht, VP

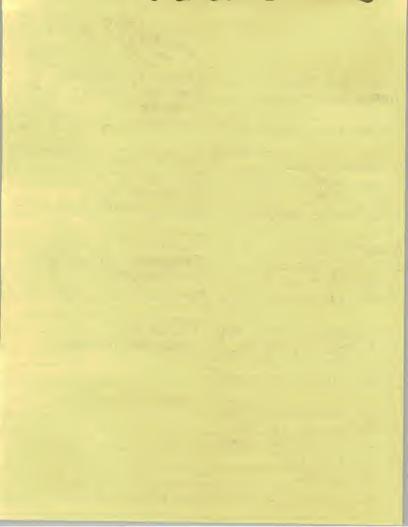
8511 Washington Blud.

Culver City, CA 90230 213/559-3940

Design Tiends, Ltd.

Stattle Laurence, metig mgr. NO
525 S. Washington St.
Naperville, L 60548 312/357-2664

Addisolphie Pagnitud Tony, On May



Company: Systems and Software Name: Dr. Y. Chin Address: 3303 Harbor Blvd. C-11 City: Costa Mesa State: CA Zip: 92626 Title:

714/241-8650

6/5-2MTCB 6/19 LMTCB Areas of Interest: Micro Operating Systems MCSM

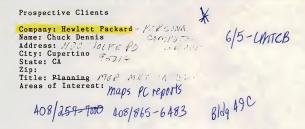
Prospective Clients

Company: Teleconnect Co. Name: Teri Miller Address: 185 50th Ave. S. W City: Cedar Rapids State: IA Zip: 52404 Title: Areas of Interest: ATT

Prospective Clients

Company: Knowledge Based Systems Inc. Name: Rowland Brandwein Address: 159 Coburn Woods City: Nashua State: NH Zip: 03063 Title: Areas of Interest: Artificial Intelligence





* (I to each)

Company: Borland International Spencer Leyton, v.p. Business development Name: Fred RLYNOCDS Address: 4113 Scotts Valley Dr. City: Scotts Valley State: CA Zip: 95066

-6/19-LMTCB Title: VP Sales Areas of Interest: Fortune 1000 Maps PC reports 408/438-8400

reporter told him Borland was comingout w/an oper environ.

6/26 - mike O. said that a

LMTCB

Prospective Clients Company: Tandy Corp Name: Ed Juge (Jooje) Address: 1700 One State: Fort O) 517-370 3700 Salavarna TX 76.00 Barbara Salaveria - dir. mkt. research Title: VP Strategic Planning-Areas of Interest: Maps Pc reports

817/390-3700 3284



Company: Apple Computer
Name: Mike Murray
Address: 2-5-25 mn2/AN/ Avc.
City: Cyrserry
State: CA Computer

Zip: 950/4 Title: Dir Mackintosh Division Areas of Interest:

- 408/996-1010

Prospective Clients

Company: Apple Computer Name: Joseph Pay NLWC Address: City: State:

Zip: Title: Director Research Areas of Interest:

408/996-1010

Doug Soloman

Prospective Clients

Company: Tandem Computers
Name: Dave Macke
Address: 19399 VOCCOT Language
City: Cupertino
State: CA 75995
Zip:
Title: VP Mkt Sales
Areas of Interest:



Company: Rivermont Data Systems Name: Roland Bates Address: 510 Mt. Everest Way City: Alpharetta State: GÁ Zip: 30201 Title: Areas of Interest: Micros

Prospective Clients

Company: MATRA (France)
Name: Claude Poussard
Address: EDP Branch, 8 av. Kiaber F-75115
City: Paris
State: France
Zip:
Title:
Areas of Interest: Business Software

Prospective Clients

Company: Science Research Assoc.
Name: Carl Holzman M/WC
Address: 155 Wacker DR.
City: Chicago
State: IL
Zip: 60606

Title: Planning Analysis & FINANCE
Areas of Interest: Home Software MCHO

312/984-7000

* MR.Cadle - LIMICB UP OF 15 MKTg.

10



Company: Favia, Hill, & Associates Name: Richard Tougas Address: 30 Rockerfeller Plaza City: New York State: NY Zip: 10112 Title: Areas of Interest: Telecom

Prospective Clients

Company: Diebold Inc.
Name: Robert Barone
Address: 818 Mulberry Rd. S. E.
City: Canton
State: 0H
Zip: 44711
Title: General Manager
Areas of Interest: Banking Auto



Prospective Clients

Company: Kleiner, Perkins, Canfield & Byers
Name: Brooke Byers
Address: 4 Embarcadero Ctr. Ste. 3520
City: San Francisco
State: CA
Zip: 94111
Title:
Areas of Interest: Software
Telecom

415/421-3110



Company: Durango Systems
Name: Sabina Way
Address: 3003 N. 1st St.
City: San Jose
State: CA
Zip: 95134
Title:
Areas of Interest: Vertical MMAR

Prospective Clients

*

Company: One O One Corp
Name: Ed Conk
Address: Suite 1100 5420 LBJ 101 Corp 2 Lincoln Ctr
City: Dallas
State: TX
Zip: 75240
Title:
Areas of Interest: Business Software

Prospective Clients

Company: Dupont Co.
Name: Richard Schiefelbein
Address: 3627 Montchanin Bldg.
City: Wilmington
State: DE
Zip: 19898
Title:
Areas of Interest: Media



Company: Hayes Micro Products
Name: R. M. Phillips
Address: 5923 Peachtree International
City: Norcross
State: GA
Zip: 30092
Title:
Areas of Interest: European Micro Software

Prospective Clients



Company: Pansophic
Name: Asa Lanum
Address: 1250 E. Diehl Rd.
City: Naperville
State: IL
Zip: 60566
Title: VP Development
Areas of Interest: Business Graphics

Prospective Clients

Company: Textronix
Name: Sandy Thomas
Address: Box 500 Stop Y3315
City: Beaverton
State: OR
Zip: 97011
Title:
Areas of Interest: CAE



Company:
Name:
Address:
City:
State:
Zip:
Title:
Areas of Interest:

Prospective Clients

*

Company: Texas Instruments
Name: Library Acquisitions Center
Address: M/S 112 13588 N. Central Expressway
City: Dallas
State: TX
Zip: 75243
Title:
Areas of Interest: Media

Prospective Clients

Company: IBM Corp.
Name: Claudia Schorrig
Address: 1000 N. W. 51 St. Box 1328
City: Boca Raton
State: FL
Zip: 23432
Title: Corporate Information
Areas of Interest: Business Software



Company: Software Concepts
Name: John Hagel
Address: 3000 Sand Hill Bldg.4 Suite 160

City: Menlo Park State: CA

Zip: 94025 Title:

Areas of Interest: Business Graphics

Prospective Clients

Company: Seagate Technology Name: Mike Kennedy Address: 920 Disc Dr. City: Scotts Valley State: CA Zip: 95066 Title: Areas of Interest: Media

Prospective Clients

Company: Molecular Computer Name: John Dougherty Address: 251 River Oaks Pkwy. City: San Jose State: CA Zip: 95134 Title: President Areas of Interest:



Company: Triad Name: Frank Marsh Address: 1252 Orleans Drive City: Sunnyvale State: CA Zip: 94088 Title: Areas of Interest:

Box 61779

Prospective Clients

Company: Honeywell High-Tech Trading Name: Roger Sigler Address: Honeywell Plaza City: Minneapolis State: MN Zip: 55408 Title: Dir. Export Mkt. Areas of Interest:

Prospective Clients



Company: Osborne Computer Corp Name: Chodi McReynolds Address: 42680 Christy St City: Fremont State: CA Zip: 94538 Title: VP Operations Areas of Interest:



marjorie Lauer - LMCB

Company: IBM
Name: Rick M. Moss
Address: IBM Canada Ltd. 105 Moatfield Dr.
City: Don Mills
State: Ontario
Zip: M3B 3L9

Zip: M3B 3L9 Title: Program Mgr., Channel Strategies Distribution Marketing Areas of Interest:

-416/443-2043

416 474-2348

Prospective Clients

Company, McKinsey & Co.
Name: Segundo Pinedo
Address: 55 E. 52nd St.
City: New York
State: NY
Zip: 10022
Title:
Areas of Interest: Verticals

Prospective Clients

Company: IBM Corp Name: 1. Sloan Address, Dept. 73C 138 Georges Rd. Bldg. 12 City: Dayton State: OH Zip: 08810 Title: Areas of Interest: Peripherals



Company: Toshiba Corp.
Name: Koichi Inagaki
Address: 1-1-1 Shaibaura, Minato-ku
City: Tokyo
State: Japan
Zip: 105
Title:
Areas of Interest:

Prospective Clients

Company: Tokyo Electron Co.Ltd.
Name: Takanori Susuki
Address: Shinjuku Nomura Bldg. 1-26-2 Nishi Shinjuku 1-chome
City: Tokyo
State: Japan
Zip: 160
Title:
Areas of Interest:

Prospective Clients

*

Gompany: Texas Instruments Inc.
Name: Carolyn Duncan
Address: P.O. Box 225474, M/S 430
City: Dallas
State: TX
Zip: 75265
Title:
Areas of Interest:



Company: Yamaichi Shoken Keizai Kenkyu Jo Name: Gaikoku Chosa-bu Address: 5-1, Kabuto-cho,Nihonbashi Chuo-ku City: Tokyo State: Japan Zip: 103 Title: Areas of Interest:

Prospective Clients

Company: Xerox Corp.
Name: R. A. Maucell
Address: 880 Apollo
City: E1 Segundo
State: CA
Zip: 90245
Title:
Areas of Interest:

Prospective Clients

Company: Warburg Pincus
Name: Christopher Brody
Address: Capitol Partners
City: NY
State: NY
Zip: 10172
Title:
Areas of Interest:

